

ABSTRACT

With the press fitting type spring connector of the present invention, a contact pin 20 having a space inside is housed inside a space 5 of a tube 10 in a slidable manner, along the axial center of the tube 10. A spring shaped touch ring 30 is mounted on an outer surface of the contact pin 20. Of two coils of the touch ring 30, the second coil has a larger diameter than the first coil, the first coil is always in contact with the contact pin 20, and the second coil is always in contact with the tube 10. A coil spring 40 has a tip housed inside the space of the contact pin 20, and a base section housed inside the tube 10.

Accordingly, with the press fitting type spring connector of the present invention, housing the contact pin 20 inside the tube 10 along the axial center of the tube 10 makes it possible to always obtain stable 15 electrical characteristics because of the touch ring 30 provided on the outer surface of the contact pin 20, and enables miniaturization.